

IN THE CLAIMS

1. (Currently amended) A medical article comprising an implantable substrate having a coating, the coating including an ABA or an AB block copolymer, the block copolymer having A and B blocks, wherein one of the blocks comprises a biological moiety that produces a biological response and the other block comprises a structural moiety that provides the block copolymer with structural functionality, and

wherein ~~at least one of the A or B blocks comprises poly(ethylene glycol)~~ the structural moiety comprises poly(butylene terephthalate), poly(ester amide), poly(lactic acid), or copolymers thereof.

2. (Original) The medical article of Claim 1, wherein the medical article is a stent.

3. (Previously Presented) The medical article of Claim 1, wherein block A comprises the biological moiety, and block B comprises the structural moiety.

4. (Previously Presented) The medical article of Claim 1, wherein block B comprises the biological moiety, and block A comprises the structural moiety.

5. (Original) The medical article of Claim 1, wherein the biological moiety is selected from a group consisting of poly(alkylene glycols), poly(ethylene oxide), poly(ethylene oxide-co-propylene oxide), poly(N-vinyl pyrrolidone), poly(acrylamide methyl propane sulfonic acid) and salts thereof, sulfonated dextran, polyphosphazenes, poly(orthoesters), poly(tyrosine carbonate), hyaluronic acid, hyaluronic acid having a stearyl or palmitoyl substituent group, poly(ethylene glycol)-hyaluronic acid, poly(ethylene glycol)-hyaluronic acid-stearyl, poly(ethylene glycol)-hyaluronic acid-palmitoyl, heparin, poly(ethylene glycol)-heparin, and copolymers thereof.

6. (Original) The medical article of Claim 5, wherein the poly(alkylene glycol) is

selected from a group consisting of poly(ethylene glycol), poly(propylene glycol), poly(tetramethylene glycol), a graft copolymer of poly(L-lysine) and poly(ethylene glycol), and copolymers thereof.

7. (Canceled).

8. (Currently amended) The medical article of Claim 1, wherein the block copolymer is selected from a group consisting of ~~poly(ethylene glycol)-block-~~
~~poly(caprolactone)-block-poly(ethylene glycol), poly(caprolactone)-block-poly(ethylene-~~
~~glycol)-block-poly(caprolactone), poly(ethylene-glycol)-block-poly(butylene terephthalate)-~~
~~block-poly(ethylene-glycol), poly(butylene terephthalate)-block-poly(ethylene-glycol)-block~~
~~poly(butylene terephthalate), poly(ethylene-glycol)-block-poly(butylene terephthalate),~~
~~poly(ethylene-glycol)-block-poly(lactic acid)-block-poly(ethylene-glycol), poly(lactic acid)-~~
~~block-poly(ethylene-glycol)-block-poly(lactic acid)~~ and blends thereof.

9. (Original) The medical article of Claim 1, additionally comprising a first biologically active agent incorporated into the coating.

10. (Original) The medical article of Claim 1, additionally comprising an active agent conjugated to the block copolymer.

11. (Original) The medical article of Claim 10, wherein the active agent conjugated to the block copolymer is diazenium diolate.

12. (Currently amended) A method for fabricating a medical article, the method including applying a coating on at least a portion of an implantable substrate, the coating including an ABA or an AB block copolymer, wherein the block copolymer has A and B blocks, wherein one of the blocks comprises a biological moiety that produces a biological response and the other block comprises a structural moiety that provides the block copolymer with structural

functionality, and

wherein ~~at least one of the A or B blocks comprises poly(ethylene glycol)~~ the structural moiety comprises poly(butylene terephthalate), poly(ester amide), poly(lactic acid), or copolymers thereof.

13. (Original) The method of Claim 12, wherein the medical article is a stent.
14. (Previously Presented) The method of Claim 12, wherein block A comprises the biological moiety, and block B comprises the structural moiety.
15. (Previously Presented) The method of Claim 12, wherein block B comprises the biological moiety, and block A comprises the structural moiety.
16. (Original) The method of Claim 12, wherein the biological moiety is selected from a group consisting of poly(alkylene glycols), poly(ethylene oxide), poly(ethylene oxide-co-propylene oxide), poly(N-vinyl pyrrolidone), poly(acrylamide methyl propane sulfonic acid) and salts thereof, sulfonated dextran, polyphosphazenes, poly(orthoesters), poly(tyrosine carbonate), hyaluronic acid, hyaluronic acid having a stearyl or palmitoyl substituent group, poly(ethylene glycol)-hyaluronic acid, poly(ethylene glycol)-hyaluronic acid-stearyl, poly(ethylene glycol)-hyaluronic acid-palmitoyl, heparin, poly(ethylene glycol)-heparin, and copolymers thereof.
17. (Original) The method of Claim 16, wherein the poly(alkylene glycol) is selected from a group consisting of poly(ethylene glycol), poly(propylene glycol), poly(tetramethylene glycol), a graft copolymer of poly(L-lysine) and poly(ethylene glycol), and copolymers thereof.
18. (Canceled).
19. (Currently amended) The method of Claim 12, wherein the block copolymer is selected from a group consisting of ~~poly(ethylene glycol)-block-poly(ε-caprolactone)-block-poly(ethylene glycol), poly(ε-caprolactone)-block-poly(ethylene glycol)-block-poly(ε-caprolactone),~~

poly(ethylene-glycol)-block-poly(butylene-terephthalate)-block-poly(ethylene-glycol),
poly(butylene-terephthalate)-block-poly(ethylene-glycol)-block-poly(butylene-terephthalate),
poly(ethylene-glycol)-block-poly(butylene-terephthalate), poly(ethylene-glycol)-block-poly(lactic
acid)-block-poly(ethylene-glycol), poly(lactic acid)-block-poly(ethylene-glycol)-block-
poly(lactic acid) and blends thereof.

20. (Original) The method of Claim 12, additionally comprising a first biologically active agent incorporated into the coating.

21. (Original) The medical article of Claim 12, additionally comprising an active agent conjugated to the block copolymer.

22. (Original) The medical article of Claim 21, wherein the active agent conjugated to the block copolymer is diazenium diolate.

23. (Currently amended) The medical article of Claim 1, wherein ~~A medical article comprising an implantable substrate having a coating,~~ the coating ~~comprising~~ comprises phosphoryl choline or polyaspirin.